

**POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
EXECUTIVE SUMMARY**

Commercial Envelope Mfg. Co., Inc.
Site Name

NYD981184138
EPA Site ID Number

900 Grand Boulevard
Deer Park, New York 11729
Address

02-8704-03
TDD Number

DRAFT

SITE DESCRIPTION

Commercial Envelope Manufacturing Co. (CEM) is located in the village of Deer Park, Suffolk County, New York, in central Long Island. The facility is an active envelope manufacturer, operating since 1976. There are two buildings on a 7-acre site. At present CEM occupies only the main building and leases the warehouse building to the Pepsi-Cola Co. The surrounding area is an active industrial/commercial area.

Over several years CEM has generated and disposed of waste on site, including solvents, inks and glues. Numerous inspections by the Suffolk County Department of Health Services (SCDHS) identified four areas of concern, containing elevated levels of solvents and heavy metals: three leaching pools, three underground storage tanks, the area adjacent to the trash compactor, and a 5800-gallon ink waste spill that occurred in 1981. Several court orders have led to the eventual cleanup of these contaminated areas, under the guidance of the SCDHS.

Despite this major cleanup effort, groundwater contamination is still a potential problem. The SCDHS required CEM to install and sample monitoring wells in the Glacial Aquifer. The analytical results demonstrated potential solvent contamination and justified a site investigation by the U.S. EPA.

On July 13, 1987, Region 2, FIT conducted a site inspection. Two soil and three groundwater samples were collected and analyzed for Hazardous Substance List parameters. Analytical results are not yet available.

HAZARD RANKING SCORE: No score pending analytical results.

Prepared by: Edward L. Leonard
of NUS Corporation

Date: August 4, 1987

203016



II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER					
Commercial Envelope Mfg. Co., Inc.		900 Grand Boulevard					
03 CITY		04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST.	
		NY	11729	Suffolk	103	2	
09 COORDINATES		10 TYPE OF OWNERSHIP (Check one)					
		<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL <input type="checkbox"/> C. STATE <input type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G. UNKNOWN					
LATITUDE		LONGITUDE					
4 00 4 5' 3 8". N		0 7 30 1 7' 5 3". W					

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION	
7 / 13 / 87	<input checked="" type="checkbox"/> ACTIVE <input type="checkbox"/> INACTIVE	1976	/ still active
MONTH DAY YEAR		BEGINNING YEAR	ENDING YEAR
AGENCY PERFORMING INSPECTION (Check all that apply)			
<input type="checkbox"/> A. EPA <input checked="" type="checkbox"/> B. EPA CONTRACTOR		<input type="checkbox"/> C. MUNICIPAL <input type="checkbox"/> D. MUNICIPAL CONTRACTOR	
NUS Corp. FIT 2			
(Name of firm)		(Name of firm)	
<input type="checkbox"/> E. STATE <input type="checkbox"/> F. STATE CONTRACTOR		<input type="checkbox"/> G. OTHER	
(Name of firm)		(Specify)	

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Edward L. Leonard	Environmental Scientist	NUS Corp. FIT 2	(201) 225-6160
09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Stephen Maybury	Environmental Scientist	NUS Corp. FIT 2	(201) 225-6160
Pauline Doherty	Toxicologist	NUS Corp. FIT 2	(201) 225-6160
Gerald Gilliland	Technician	NUS Corp. FIT 2	(201) 225-6160
Joseph Murtaugh	Technician	NUS Corp. FIT 2	(201) 225-6160
Dan de Bruijn	Technician	NUS Corp. FIT 2	(201) 225-6160

DRAFT

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO.
Steven Cohen	Lawyer	Gold and Wachtel 10 East 53rd Street New York, NY 10022	(212) 223-3311
William Wachtel	Lawyer	Gold and Wachtel 10 East 53rd Street New York, NY 10022	(212) 223-3311
Nicholas Andrianas	Engineer	Eder Associates 85 Forest Avenue Locust Valley, NY 11560	(516) 671-8440
Leroy Brannagan	Plant Manager	Commercial Envelope Mfg. Co. 900 Grand Boulevard Deer Park, NY 11729	(516) 242-2500

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
<input checked="" type="checkbox"/> PERMISSION <input type="checkbox"/> WARRANT	0930 hrs.	Hot, hazy, and humid. Air temperature 75 - 90°F. Steady winds southeast 5-10 mph.

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Diana Messina	U.S. EPA	(201) 321-6776
04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION
Edward L. Leonard	U.S. EPA	NUS Corp. FIT 2
		(201) 225-6160
		08 DATE
		8 / 4/87
		MONTH DAY YEAR

SITE INSPECTION REPORT
PART 2 - WASTE INFORMATION

01 STATE 02 SITE NUMBER
NY 0981184138

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 PHYSICAL STATES (Check all that apply)		02 WASTE QUANTITY AT SITE	03 WASTE CHARACTERISTICS (Check all that apply)	
A. SOLID	E. SLURRY	(Measures of waste quantities must be independent)	<input checked="" type="checkbox"/> A. TOXIC	<input checked="" type="checkbox"/> E. SOLUBLE
<input checked="" type="checkbox"/> B. POWDER, FINES	<input checked="" type="checkbox"/> F. LIQUID		<input checked="" type="checkbox"/> B. CORROSIVE	<input checked="" type="checkbox"/> F. INFECTIOUS
<input checked="" type="checkbox"/> C. SLUDGE	G. GAS		<input checked="" type="checkbox"/> C. RADIOACTIVE	<input checked="" type="checkbox"/> G. FLAMMABLE
D. OTHER	(Specify)	TONS	<input checked="" type="checkbox"/> D. PERSISTENT	<input checked="" type="checkbox"/> H. IGNITABLE
		CUBIC YARDS		I. HIGHLY VOLATILE
		NO. OF DRUMS		J. EXPLOSIVE
				K. REACTIVE
				L. INCOMPATIBLE
				M. NOT APPLICABLE

III. WASTE TYPE

CATEGORY	SUBSTANCE NAME	01 GROSS AMOUNT	02 UNIT OF MEASURE	03 COMMENTS
SLU	SLUDGE	Unknown	Unknown	Three underground storage tanks and three leaching pools were illegally used to store and dispose of hazardous waste. In addition, approximately 5,835 gallons of hazardous waste were spilled on the ground in 1981.
OLW	OILY WASTE			
SOL	SOLVENTS	Unknown	Unknown	
PSD	PESTICIDES			
OCC	OTHER ORGANIC CHEMICALS	Unknown	Unknown	
IOC	INORGANIC CHEMICALS			
ACD	ACIDS			
BAS	BASES			
MES	HEAVY METALS	Unknown	Unknown	

DRAFT

IV. HAZARDOUS SUBSTANCES (See Appendix for most frequently cited CAS Numbers)

CATEGORY	02 SUBSTANCE NAME	03 CAS NUMBER	04 STORAGE/DISPOSAL METHOD	05 CONCENTRATION	06 MEASURE OF CONCENTRATION
SOL	1,2-Dichloroethene	156-60-5	Unknown	610	ug/L
SOL	Methylene Chloride	75-09-2	Leaching Pools	66	ug/L
SOL	Tetrachloroethene	127-18-4	Leaching Pools	5	ug/L
SOL	Toluene	108-90-7	Leaching Pools	5	ug/L
SOL	1,1,1-Trichloroethane	71-55-6	Leaching Pools	2	ug/L
SOL	Vinyl Chloride	75-01-4	Unknown	2	ug/L
SOL	Xylenes (Total)	1330-20-7	Leaching Pools	120	ug/L
MES	Chromium (Total)	7440-47-3	Spill	43	mg/L
MES	Chromium (VI)	7440-47-3	Spill	0.27	mg/L
MES	Copper	7440-50-8	Underground Tanks	865	ppm
MES	Lead	7439-92-1	Spill	210	mg/L
MES	Silver	7440-22-4	Spill	2.1	mg/L
MES	Zinc	7440-66-6	Spill	11	mg/L

V. FEEDSTOCKS (See Appendix for CAS Numbers)

CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER	CATEGORY	01 FEEDSTOCK NAME	02 CAS NUMBER
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (See specific references, e.g., state files, sample analysis, reports)

Background Files, Suffolk County Department of Health Services (SCDHS), Suffolk County, New York.
Correspondence between J. Wagner (NUS Corp.) and S. Cohen (Gold and Wachtel) on 6/10/87.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY D981184138

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A. GROUNDWATER CONTAMINATION 02 - OBSERVED (DATE:) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION

The potential exists for groundwater contamination via the underground storage tanks, the leaching pools, the area adjacent to the trash compactor, and the ink waste spill.

01 ☐ B. SURFACE WATER CONTAMINATION 02 - OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

The potential for surface water contamination does not exist. There are no drainage routes from the site to the nearest body of water.

01 ☐ C. CONTAMINATION OF AIR 02 - OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

The potential for air contamination does not exist. Waste storage and disposal facilities were located below ground. No air monitoring readings were detected above background in the ambient air.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS 02 - OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

Field observations did not indicate the potential for significant fire/explosive conditions on site.

01 ☐ E. DIRECT CONTACT 02 - OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

The potential for direct contact does not exist. Areas of contamination are presently paved over.

01 ☒ F. CONTAMINATION OF SOIL 02 - OBSERVED (DATE:) ☒ POTENTIAL ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: Unknown (ACRES) 04 NARRATIVE DESCRIPTION

The potential exists for soil contamination via the underground storage tanks and the leaching pools.

01 ☒ G. DRINKING WATER CONTAMINATION 02 - OBSERVED (DATE:) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION

The potential exists for drinking water contamination via the underground storage tanks, the leaching pools, the area adjacent to the trash compactor, and the ink waste spill. Suffolk County drinking water is entirely supplied by groundwater.

01 ☐ H. WORKER EXPOSURE/INJURY 02 - OBSERVED (DATE:) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 04 NARRATIVE DESCRIPTION

The potential for worker exposure does not exist. Areas of contamination are presently paved over.

01 ☒ I. POPULATION EXPOSURE/INJURY 02 - OBSERVED (DATE:) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: Unknown 04 NARRATIVE DESCRIPTION

The potential exists for population exposure to possibly contaminated drinking water.

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 J. DAMAGE TO FLORA

02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

The potential for damage to flora does not exist. The site is located in a densely populated industrial/commercial area.

01 K. DAMAGE TO FAUNA

02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION (Include name(s) of species)

The potential for damage to fauna does not exist. The site is located in a densely populated industrial/commercial area.

01 L. CONTAMINATION OF FOOD CHAIN

02 OBSERVED (DATE:) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

The potential for food chain contamination does not exist. The site is located in a densely populated industrial/commercial area.

01 X M. UNSTABLE CONTAINMENT OF WASTES

02 X OBSERVED (DATE: 7/9/85) POTENTIAL ALLEGED

(Spills/runoff/standing liquids/leaking drums)

03 POPULATION POTENTIALLY AFFECTED: 8,992

04 NARRATIVE DESCRIPTION

There were three areas of unstable waste containment: three unauthorized leaching pools which received discharges of waste; three unauthorized underground tanks where wastes were stored; and an area where approximately 5800 gallons of ink waste were spilled in 1981.

01 X N. DAMAGE TO OFFSITE PROPERTY

02 OBSERVED (DATE:) X POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

The potential exists for off-site property damage via groundwater contamination.

01 X O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs

02 X OBSERVED (DATE: 8/29/84) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

Analysis of the storm drain in the loading dock area by the SCDHS demonstrates elevated levels of several solvents, including methylene chloride, tetrachloroethylene, and toluene.

01 X P. ILLEGAL/UNAUTHORIZED DUMPING

02 X OBSERVED (DATE: 7/9/85) POTENTIAL ALLEGED

04 NARRATIVE DESCRIPTION

Analysis by the SCDHS of the liquid entering the middle leaching pool demonstrates elevated levels of several solvents, including methylene chloride, toluene, and xylene. This discharge was not SPDES permitted.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

The solvent storage shed was observed to have stained soil around it and an unknown liquid in it.

III. TOTAL POPULATION POTENTIALLY AFFECTED: 8,992

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Background Files, SCDHS, Suffolk County, New York.

Site Inspection, NUS Corp., FIT 2, 7/13/87.

U.S. Geological Survey Topographic Map - Green Lawn, New York. 1967, Photorevised 1979.

Draft Graphical Exposure Modeling System (GEMS), U.S. EPA Office of Pesticides and Toxic Substances, 1984.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY 0981184138

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
<input type="checkbox"/> A. NPDES				
<input type="checkbox"/> B. UIC				
<input type="checkbox"/> C. AIR				
<input type="checkbox"/> D. RCRA				
<input type="checkbox"/> E. RCRA INTERIM STATUS				
<input type="checkbox"/> F. SPCC PLAN				
<input checked="" type="checkbox"/> G. STATE (Specify) SPDES	0177113	12/79	12/7/84	Permit was issued only for cooling water discharge to groundwater. Permit was not renewed.
<input type="checkbox"/> H. LOCAL (Specify)				
<input type="checkbox"/> I. OTHER (Specify)				
<input type="checkbox"/> J. NONE				

DRAFT

III. SITE DESCRIPTION

01 Storage/Disposal (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE	04 TREATMENT (Check all that apply)	05 OTHER
<input type="checkbox"/> A. SURFACE IMPOUNDMENT			<input checked="" type="checkbox"/> A. INCINERATION	<input checked="" type="checkbox"/> A. BUILDINGS ON SITE
<input type="checkbox"/> B. PILES			<input type="checkbox"/> B. UNDERGROUND INJECTION	
<input checked="" type="checkbox"/> C. DRUMS, ABOVE GROUND	Unknown	Unknown	<input type="checkbox"/> C. CHEMICAL/PHYSICAL	
<input checked="" type="checkbox"/> D. TANK, ABOVE GROUND	2000	Gallons	<input type="checkbox"/> D. BIOLOGICAL	06 AREA OF SITE
<input checked="" type="checkbox"/> E. TANK, BELOW GROUND	7000	Gallons	<input type="checkbox"/> E. WASTE OIL PROCESSING	
<input type="checkbox"/> F. LANDFILL			<input type="checkbox"/> F. SOLVENT RECOVERY	
<input type="checkbox"/> G. LANDFARM			<input type="checkbox"/> G. OTHER RECYCLING/RECOVERY	7.0
<input type="checkbox"/> H. OPEN DUMP			<input type="checkbox"/> H. OTHER (Specify)	(Acres)
<input checked="" type="checkbox"/> I. OTHER Leaching Pools (Specify)	28,199	Gallons		

07 COMMENTS

In addition to the above, approximately 5835 gallons of ink waste were spilled on the adjacent property in 1981. This formed a pool approximately 40 feet by 78 feet by 3 inches deep.

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☐ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☒ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

Prior to cleanup and permitting by the SCDHS, the following conditions were known to exist:

- 1) Aboveground drums and tanks in sound condition with no liner or leachate collection system;
- 2) Below ground tank in unknown condition with no liner or leachate collection system; and
- 3) Unauthorized leaching pools.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS

The major areas of concern are the leaching pools, the underground storage tanks, the area around the trash compactor and the spill. All of these areas have been cleaned to the SCDHS specifications, filled in, and paved over. These areas are not easily accessible to the public or the employees. However, during the site inspection the solvent storage shed was observed to have stained soil around it and an unknown liquid inside it. The property is not entirely fenced nor is the solvent storage shed fenced.

VI SOURCES OF INFORMATION (Cite specific references. e.g., state files, sample analysis, reports)

Site Inspection, NUS Corp. FIT 2, 7/13/87.
Background Files, SCDHS, Suffolk County, New York.
Telecon between E. Leonard (NUS Corp.) and P. Banergae (NYSDEC, Region 1) on 7/15/87.
Telecon between E. Leonard (NUS Corp.) and G. Watt (SCDHS) on 7/16/87.

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY
(Check as applicable)

02 STATUS

03 DISTANCE TO SITE

COMMUNITY	SURFACE	WELL	ENDANGERED	AFFECTED	MONITORED	
NON-COMMUNITY	A. <input type="checkbox"/>	B. <input checked="" type="checkbox"/>	A. <input type="checkbox"/>	B. <input type="checkbox"/>	C. <input type="checkbox"/>	A. <u>unavailable</u> (mi)
	C. <input type="checkbox"/>	D. <input checked="" type="checkbox"/>	D. <input type="checkbox"/>	E. <input type="checkbox"/>	F. <input type="checkbox"/>	B. <u>unavailable</u> (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☒ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION ☐ D. NOT USED, UNUSEABLE

(Other sources available)

(Limited other sources available)

COMMERCIAL,
INDUSTRIAL,
IRRIGATION

(No other water sources available)

DRAFT

02 POPULATION SERVED BY GROUND WATER: Unknown

03 DISTANCE TO NEAREST DRINKING WATER WELL: Unknown (mi)

04 DEPTH TO GROUNDWATER

05 DIRECTION OF GROUNDWATER FLOW

06 DEPTH TO AQUIFER OF CONCERN

07 POTENTIAL YIELD OF AQUIFER

08 SOLE SOURCE AQUIFER

16.0 (ft)

South

16.0 (ft)

Unknown (gpd)

☒ YES

☐ NO

09 DESCRIPTION OF WELLS (Including useage, depth, and location relative to population and buildings)

Data presently unavailable.

10 RECHARGE AREA

11. DISCHARGE AREA

☒ YES
☐ NO

COMMENTS Aquifers are recharged directly by rainwater infiltration.

☒ YES
☐ NO

COMMENTS

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☐ A. RESERVOIR, RECREATION
DRINKING WATER SOURCE

☐ B. IRRIGATION, ECONOMICALLY
IMPORTANT RESOURCES

☐ C. COMMERCIAL, INDUSTRIAL

☒ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:

AFFECTED

DISTANCE TO SITE

None

(mi)

(mi)

(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

02 DISTANCE TO NEAREST POPULATION

ONE (1) MILE OF SITE

TWO (2) MILES OF SITE

THREE (3) MILES OF SITE

A. 8,992
NO. OF PERSONS

B. 47,360
NO. OF PERSONS

C. 111,269
NO. OF PERSONS

0.1

(mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE

04 DISTANCE TO NEAREST OFF-SITE BUILDING

13,335

adjacent property

(mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site. e.g., rural, village, densely populated urban area)

The site is located within the village of Deer Park in the northeast corner of Babylon Township. Deer Park is a densely populated urban area. Huntington Township is 1.5 miles to the north, and Islip Township is 0.3 mile to the east.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY D981184138

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. 10^{-6} - 10^{-8} cm/sec ☐ B. 10^{-4} - 10^{-6} cm/sec ☐ C. 10^{-4} - 10^{-3} cm/sec ☒ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☒ A. IMPERMEABLE
(Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE
(10^{-4} - 10^{-6} cm/sec) ☐ C. RELATIVELY PERMEABLE
(10^{-2} - 10^{-4} cm/sec) ☐ D. VERY PERMEABLE
(Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK

1400 (ft)

04 DEPTH OF CONTAMINATED SOIL ZONE

15.0 (ft)

05 SOIL pH

Unknown

06 NET PRECIPITATION

14 (in)

07 ONE YEAR 24 HOUR RAINFALL

2.5 (in)

08 SLOPE
SITE SLOPE

<1 %

DIRECTION OF SITE SLOPE

South

TERRAIN AVERAGE SLOPE

<1 %

09 FLOOD POTENTIAL

10

SITE IS IN >500 YEAR FLOODPLAIN

SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE

A. >2.0 (mi)

OTHER

B. >1.0 (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

>1.0 (mi)

ENDANGERED SPECIES: Not Applicable

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL

A. 0.0 (mi)

RESIDENTIAL AREAS: NATIONAL/STATE PARKS,
FORESTS, OR WILDLIFE RESERVES

B. 0.1 (mi)

AGRICULTURAL LANDS
PRIME AG LAND

C. 0.5 (mi)

AG LAND

D. 0.3 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

The site property is relatively level, at an elevation of approximately 75-80 feet above mean sea level. Regional slope of the terrain is southerly. The site is located within an industrial/commercial area, directly north of a large residential community.

VII SOURCES OF INFORMATION (Cite specific references e.g., state files, sample analysis, reports)

Telecon between D. Trube (NUS Corp) and P. Dugan (Suffolk County Water Authority) on 3/24/87.

Site Inspection, NUS Corp., FIT 2, 7/13/87.

Results of Subsurface Exploration in the Mid-Island Area of Western Suffolk County, Long Island, New York. Soren, J. 1971.

Federal Register, Volume 43, Number 120, Page 26611, June 21, 1978.

U.S. Geological Survey Topographic Map - Green Lawn, New York. 1967, Photorevised 1979.

Draft Graphical Exposure Modeling System (GEMS), U.S. EPA Office of Pesticides and Toxic Substances, 1984.

HRS User's Manual, Mitre Corp., 1984.

Flood Insurance Rate Map, U.S. Department of Housing and Urban Development - Town of Babylon, New York, 1979.

Significant Habitat Overlay, NYSDEC, 1987.

Important Farmlands of Suffolk County, New York, U.S. Department of Agriculture, Soil Conservation Service, October 1978.

Summary of the Hydrologic Situation on Long Island, New York, as a Guide to Water - Management Alternatives, Geological Survey Paper 627-F, Franke, O.L. and N.E. McClymonds, 1972.

Hydrogeology of Suffolk County, Long Island, New York, Jensen, H.M. and J. Soren, 1974.

Aerial Photograph No. 3816-27-95, Lockwood, Kessler and Bartlett. 3/26/84.

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER	3	Organic Lab: Nanco Labs Inc. RD 6 Robinson Lane Wappinger Falls, NY 12590	10/87
SURFACE WATER			
WASTE		Inorganic Lab: Chemtech Consulting Group 360 West 11th Street New York, NY 10014	10/87
AIR			
RUNOFF			
SPILL			
SOIL	2		
VEGETATION			
OTHER			

DRAFT

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
Air Monitoring	No readings above ambient air conditions were detected on the OVA flame ionization detector or the HNu photoionization detector. Elevated readings were detected on the OVA and HNu during collection of the soil sample north of the solvent storage shed. Elevated readings were also detected on the OVA and Draeger Tube (for vinyl chloride) in monitoring well TW3.
Water Level	Water level measurements were obtained from three monitoring wells.

IV. PHOTOGRAPHS AND MAPS

01 TYPE	<input checked="" type="checkbox"/> GROUND <input checked="" type="checkbox"/> AERIAL	02 IN CUSTODY OF <u>NUS Corp., FIT 2 Files</u> (Name of organization or individual)
03 MAPS	04 LOCATION OF MAPS	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<u>NUS Corp., FIT 2 Files</u>	

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

Field Notebook No. 0101 filed under TDD No. 02-8704-03

VI. SOURCES OF INFORMATION (Cite specific references. e.g., state files, sample analysis, reports)

Site Inspection, NUS Corp., FIT 2, 7/13/87.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY 0981184138

II. CURRENT OWNER(S)

01 NAME		02 D + B NUMBER	PARENT COMPANY (If applicable)		08 NAME	09 D + B NUMBER
MAS Boulevard Associates						
03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD#, etc.)		11 SIC CODE	
900 Grand Boulevard						
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE	
Deer Park	NY	11729				

01 NAME		02 D + B NUMBER	08 NAME		09 D + B NUMBER
03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD#, etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME		02 D + B NUMBER	08 NAME		09 D + B NUMBER
03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD#, etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

01 NAME		02 D + B NUMBER	08 NAME		09 D + B NUMBER
03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE	10 STREET ADDRESS (P.O. Box, RFD#, etc.)		11 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	12 CITY	13 STATE	14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME		02 D + B NUMBER	01 NAME		02 D + B NUMBER
Town of Babylon			ASM Realty Corp.		
Industrial Development Agency			03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE
400 West Main Street					
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE
Babylon	NY	11702			

01 NAME		02 D + B NUMBER	01 NAME		02 D + B NUMBER
Fred Frank Inc.			BEM Realty Corp.		
03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

01 NAME		02 D + B NUMBER	01 NAME		02 D + B NUMBER
Kelson Holding Corp.					
03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)		04 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Site Inspection, Nus Corp., FIT 2, 7/13/87.
Telecon between E. Leonard (NUS Corp.) and S. Cohen (Gold and Wachtel) on 7/20/87.
Files, Town of Babylon Assessor Office, Suffolk County, New York.

III. PREVIOUS OWNER(S) (List most recent first)

IV. REALTY OWNER(S) (If applicable; list most recent first)

III PREVIOUS OWNERS CONT'D

Melville Industrial Associates

Doro Operating Corp.

DRAFT

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY 0981184138

II. CURRENT OPERATOR(S)			OPERATOR'S PARENT COMPANY (If applicable)		
01 NAME	02 D + B Number	10 NAME	11 D + B NUMBER		
Commercial Envelope Mfg. Co. Inc.					
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD#, etc.)	13 SIC CODE		
900 Grand Boulevard					
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
Deer Park NY 11729					
08 YEARS OF OPERATION	09 NAME OF OWNER				
11	Ira B. Kristel				

III. PREVIOUS OPERATOR(S) (List most recent first: Provide only if different from owner)			PREVIOUS OPERATOR'S PARENT COMPANIES (If applicable)		
01 NAME	02 D + B Number	10 NAME	11 D + B NUMBER		
Alwin Seal Inc.					
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD#, etc.)	13 SIC CODE		
900 Grand Boulevard					
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
Deer Park NY 11729					
08 YEARS OF OPERATION	09 NAME OF OWNER				
4	Unknown				

DRAFT

01 NAME	02 D + B Number	10 NAME	11 D + B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD#, etc.)	13 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

01 NAME	02 D + B Number	10 NAME	11 D + B NUMBER		
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD#, etc.)	13 SIC CODE		
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Background files, SC DHS, Suffolk County, New York.
Files, Town of Babylon Assessors Office, Suffolk County, New York.

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

1. IDENTIFICATION
01 STATE 02 SITE NUMBER
NY D981184138

II ON-SITE GENERATOR

01 NAME	02 D + B NUMBER	
Commercial Envelope Mfg. Co., Inc.		
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	
900 Grand Boulevard		
05 CITY	06 STATE	07 ZIP CODE
Deer Park	NY	11729

III OFF-SITE GENERATOR(S)

01 NAME	02 D + B NUMBER	01 NAME	02 D + B NUMBER
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE
05 CITY	06 STATE	05 CITY	06 STATE
			07 ZIP CODE

01 NAME	02 D + B NUMBER	01 NAME	02 D + B NUMBER
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE
05 CITY	06 STATE	05 CITY	06 STATE
			07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D + B NUMBER	01 NAME	02 D + B NUMBER
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE
05 CITY	06 STATE	05 CITY	06 STATE
			07 ZIP CODE

01 NAME	02 D + B NUMBER	01 NAME	02 D + B NUMBER
03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD#, etc.)	04 SIC CODE
05 CITY	06 STATE	05 CITY	06 STATE
			07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Background Files, SC DHS, Suffolk County, New York.

II. PAST RESPONSE ACTIVITIES

01 <u> </u> A. WATER SUPPLY CLOSED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> B. TEMPORARY WATER SUPPLY PROVIDED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> C. PERMANENT WATER SUPPLY PROVIDED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> D. SPILLED MATERIAL REMOVED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> E. CONTAMINATED SOIL REMOVED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> F. WASTE REPACKAGED	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> G. WASTE DISPOSED ELSEWHERE	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> H. ON SITE BURIAL	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> I. IN SITU CHEMICAL TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> J. IN SITU BIOLOGICAL TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> K. IN SITU PHYSICAL TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> L. ENCAPSULATION	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> M. EMERGENCY WASTE TREATMENT	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> N. CUTOFF WALLS	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> O. EMERGENCY DIKING/SURFACE WATER DIVERSION	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> P. CUTOFF TRENCHES/SUMP	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		
01 <u> </u> Q. SUBSURFACE CUTOFF WALL	02 DATE: _____	03 AGENCY: _____
04 DESCRIPTION		
No previous history.		

DRAFT

II. PAST RESPONSE ACTIVITIES

01 R. BARRIER WALLS CONSTRUCTED
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 S. CAPPING/COVERING
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 T. BULK TANKAGE REPAIRED
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 U. GROUT CURTAIN CONSTRUCTED
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 V. BOTTOM SEALED
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 W. GAS CONTROL
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 X. FIRE CONTROL
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 Y. LEACHATE TREATMENT
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 Z. AREA EVACUATED
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 1. ACCESS TO SITE RESTRICTED
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 2. POPULATION RELOCATED
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.
01 3. OTHER REMEDIAL ACTIVITIES
04 DESCRIPTION

02 DATE: _____

03 AGENCY: _____

No previous history.

DRAFT

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION X YES _ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

3/13/81 Consent Order
Removal and proper disposal of soil, due to spill 1/15/81. Imposed a \$500 civil penalty.

9/16/82 Consent Order
Immediately stop all discharge of toxic or hazardous materials. Provide proper storage and disposal of toxic or hazardous materials. Leak test the three underground storage tanks. Imposed a \$1,000 civil penalty.

6/16/82 Finding of Fact/Stipulated Agreement/Order
Meet remaining provisions from Consent Order of 9/16/82. Abandon three underground storage tanks. Imposed a one \$1,500 civil penalty.

7/9/85 Search Warrant Investigation
Conducted by the Environmental Crimes Unit - Office of District Attorney and aided by SCDHS.

11/12/85 Consent Order
Properly dispose of the toxic or hazardous liquid and sludge in the loading dock area. Clean and fill to grade the most western leaching pool. Properly abandon the three underground storage tanks. Provide proper storage and disposal of toxic or hazardous materials. Comply with all applicable state regulations for the industrial waste holding tank and the incinerator. Determine groundwater quality through the installation and sampling of monitoring wells.

1/30/86 Settlement
Convicted of Unlawful Discharge of Hazardous Waste in the Second Degree and fined \$25,000. Agreed to meet provisions from Consent Order of 11/12/85.

DRAFT

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, report)

Background Files, SCDHS, Suffolk County, New York.